

# B O C A G I A N A

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## A HEMIPTEROUS MATERIAL FROM THE SALVAGE ISLANDS

With one figure

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Through the courtesy of Dr. J. A. Quartau, of Luanda, Angola, I received a small Hemipterous material collected by him from the little-known Salvage Islands. The sample consisted of only three species. A list of the finds is published below.

The material was collected from tufts of *Suaeda vera* J. F. Gmel. and from *Agropyron junceiforme* (A. & D. Love). Both *Cyphopterus* species are apparently associated with *Suaeda*.

### *Lygaeidae*

*Nysius cymoides* (Spin.) — Selvagem Pequena, several exx., 17.IX.1971. Holomediterranean.

### *Flatidae*

*Cyphopterus* A. & S.

The genus *Cyphopterus* is represented by numerous species in the Macaronesian islands. A few species are known also from the adjacent parts of Northern Africa and the Mediterranean subregion. All species have a very restricted range, undoubtedly owing to a low moving capability. The taxonomy of the genus has been treated by *Lindberg* (1953, 1958, 1959, 1961 and 1962), who described also one species, *C. salvagensis*, from the Salvage Islands.

*C. salvagensis* Ldb. — Selvagem Pequena, several exx., 17.IX.1971. Endemic. Originally described from the same island.

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*C. quartai* sp. n.

Length ♂ 2.5 mm, ♀ 2.75-3 mm. Pale brown. Face pale ochraceous or greenish, with minute dark dotting especially laterally. Head, pronotum and scutellum with a  $\pm$  distinct whitish or greenish longitudinal band, interrupted by a percurrent narrow brown median stripe. Vertex with a small brown spot on either side of disk. Lateral margins of pronotum and scutellum with minute fuscous dotting. Clavus with a pale ochraceous or milky longitudinal band, starting from the likewise pale basal hump,



Fig. 1. — *Cyphopterus quartai* sp. n.: a) genital segment (♂) from side; b) appendage of penis.

brown band just caudad of basal hump, other parts of corium with tapering caudad, margins brown; corium with irregular brown band along elaval suture, extending to tip of elytra and with a transverse minute dark irroration, veins paler than cells. Under surface ochraceous or greenish, with fuscous markings. Legs yellow-brown.

Body remarkably small, moderately thickset. Frons narrowish, slightly broadening ventrad (shape as in *C. psammophilum* Ldb., Fig. 39 d, p. 173 in Lindberg 1953), median keel sharp, in upper margin of head expanded and callose, lateral margins sharp, upcurved. Vertex about 1.3 x as broad as long at middle, lateral margins parallel, apical margin arcuate. Proportions between lengths of vertex, pronotum and scutellum 13:17:28. Elytra as in *C. salvagensis* but the prolonged tip considerably shorter, elytra appearing therefore shorter than in *C. salvagensis* (about as in *C. psammophilum* Ldb., Fig. 38 d, p. 169 in Lindberg 1953). Male genitalia as in Fig. 1. Anal tube with a rounded expansion in ventral margins. Penis robust, appendages bifurcate, with branches of equal length, upper branch thicker than lower.

Selvagem Pequena, 1♂, type and several paratypes, 17.IX.1971, in my collection.

Easily recognized by the small size and the shape of the aedeagal appendages.

The new species is dedicated to Dr. J. A. Quartau, who is making intensive studies on the leafhopper fauna of Portugal.

#### REFERENCES

- Lindberg, H. :  
1953. Hemiptera Insularum Canariensium. — *Soc. Scient. Fenn. Comment. Biol.* 14 (1), 1-304.
- Lindberg, H. :  
1958. Hemiptera Insularum Caboverdensium. — *Op. cit.* (1), 1-246.
- Lindberg, H. :  
1959. A new species of the genus *Cyphopterum* Amyot (Hom. Flatidae) from the Selvage Islands. — *Notul. Entomol.* 39, 18-21.
- Lindberg, H. :  
1960. Supplementum Hemipterorum Insularum Canariensium. — *Soc. Scient. Fenn. Comment. Biol.* 22 (6), 1-20.
- Lindberg, H. :  
1961. Hemiptera Insularum Madeiriensium. *Op. cit.* 24 (1), 1-110.
- Lindberg, H. :  
1962. Die Gattung *Cyphopterum* (Hom. Flatidae) und ihre atlantische Verbreitung. — *Notul. Entomol.* 42, 85-93.